

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044555.D
 Acq On : 21 Feb 2020 18:55
 Operator : CG/JU
 Sample : L1586-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0174-COMP-BT-B-MOD-ELUTRIATE

Quant Time: Feb 22 06:13:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

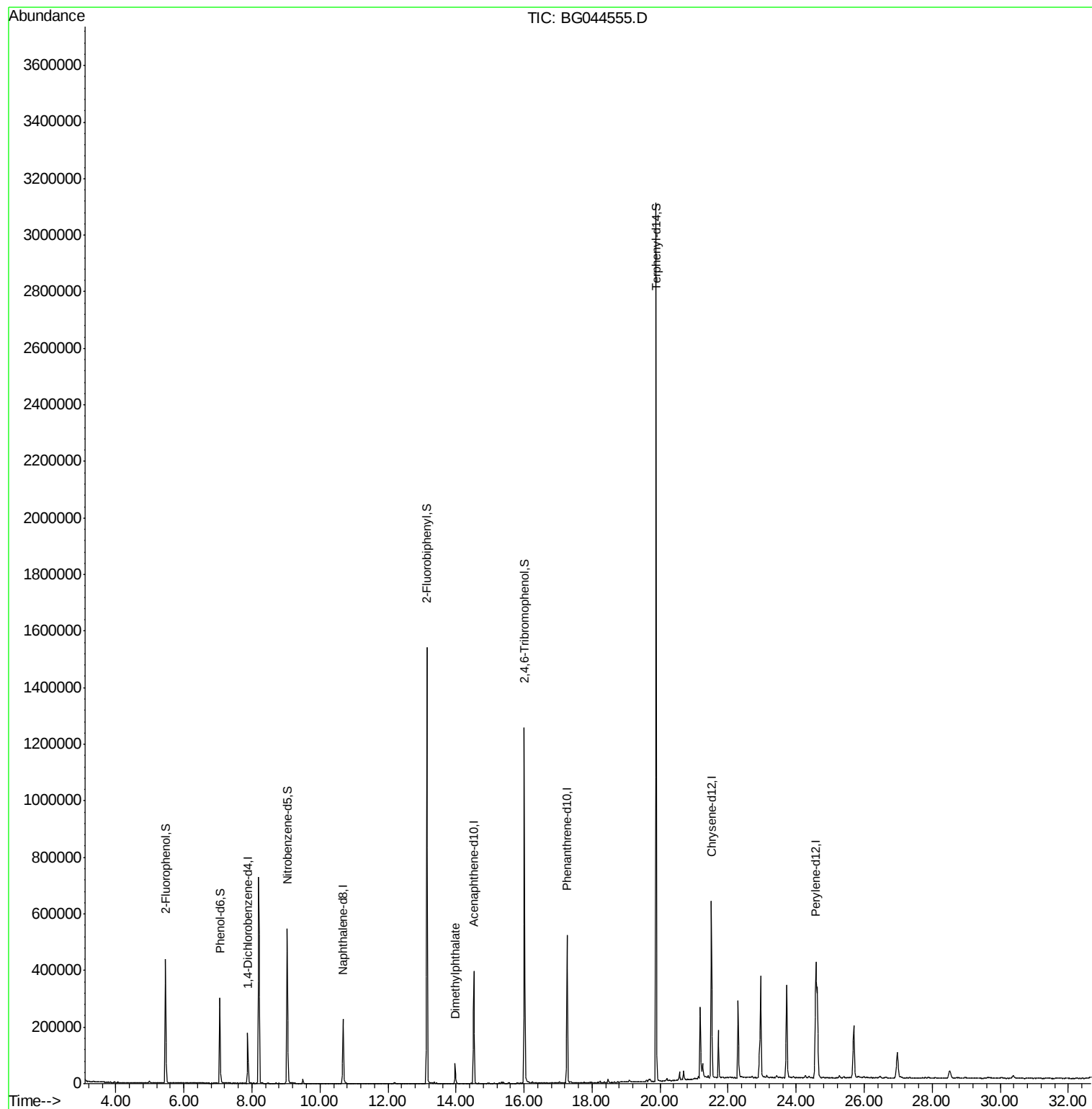
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	55397	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	221901	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	146284	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	352491	20.00	ng	0.00
76) Chrysene-d12	21.51	240	370314	20.00	ng	0.00
87) Perylene-d12	24.58	264	417102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	225458	71.83	ng	0.00
7) Phenol-d6	7.05	99	207809	49.30	ng	0.00
23) Nitrobenzene-d5	9.03	82	363935	92.59	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	262200	152.68	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	847763	97.05	ng	0.00
79) Terphenyl-d14	19.88	244	1511421	83.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	55995	5.325	ng	Qvalue 99

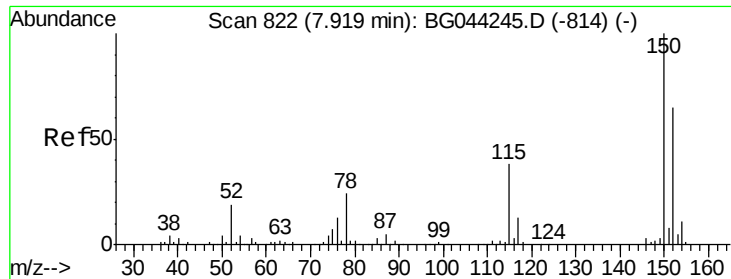
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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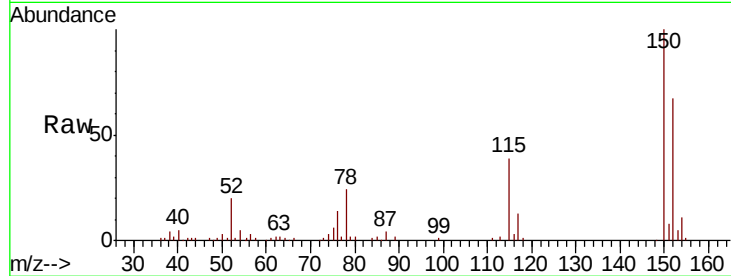


#1

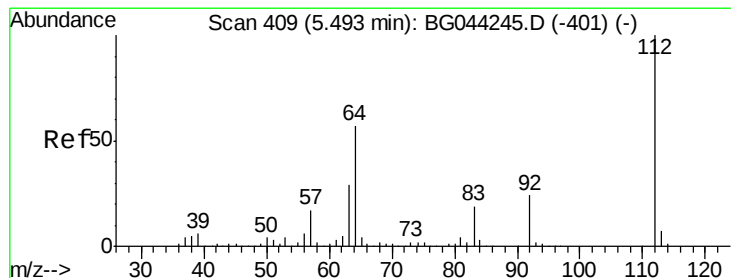
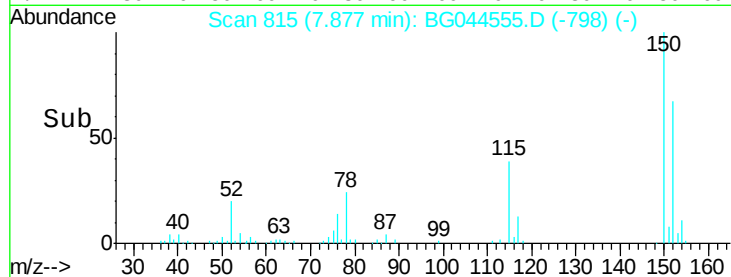
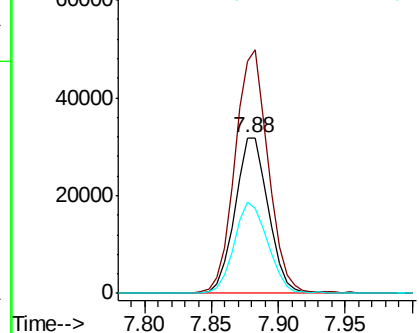
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG044555.D
Acq: 21 Feb 2020 18:55

Instrument :
BNA_G
ClientSampleId :
0174-COMP-BT-B-MOD-ELUTRIATE

Tot Ion:152 Resp: 55397
Ion Ratio Lower Upper
152 100
150 149.1 123.1 184.7
115 58.5 45.1 67.7



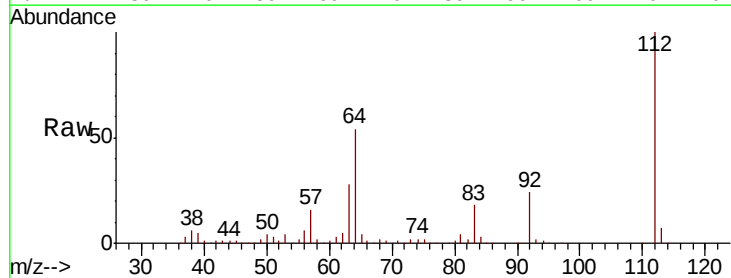
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



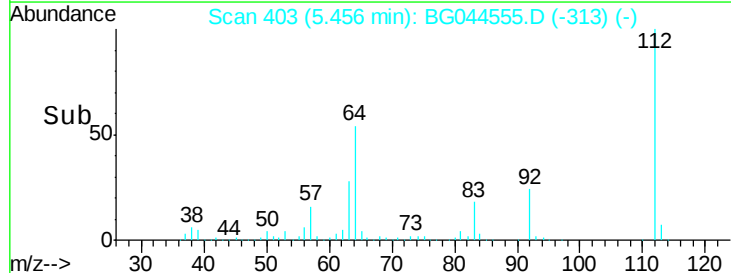
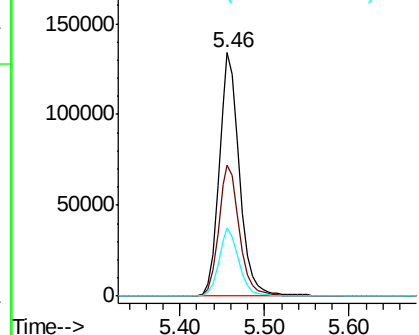
#5

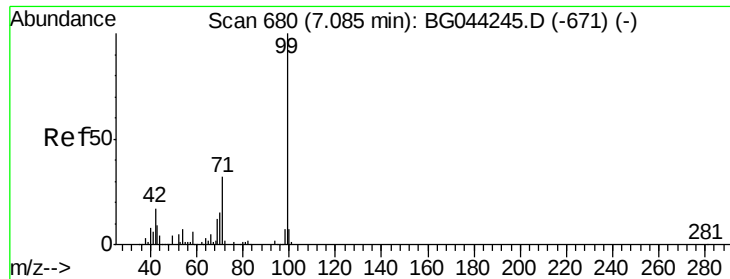
2-Fluorophenol
Concen: 71.827 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG044555.D
Acq: 21 Feb 2020 18:55

Tgt Ion:112 Resp: 225458
Ion Ratio Lower Upper
112 100
64 54.0 44.5 66.7
63 28.2 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.301 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044555.D

Acq: 21 Feb 2020 18:55

Instrument :

BNA_G

ClientSampleId :

0174-COMP-BT-B-MOD-ELUTRIATE

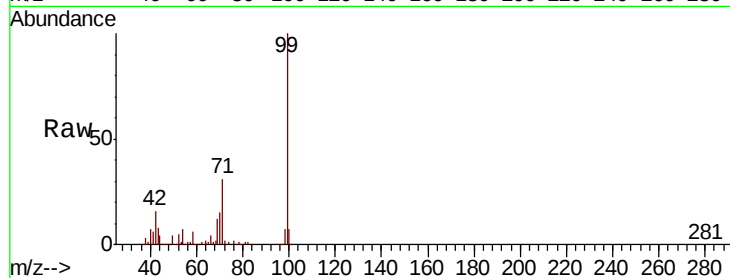
Tot Ion: 99 Resp: 207809

Ion Ratio Lower Upper

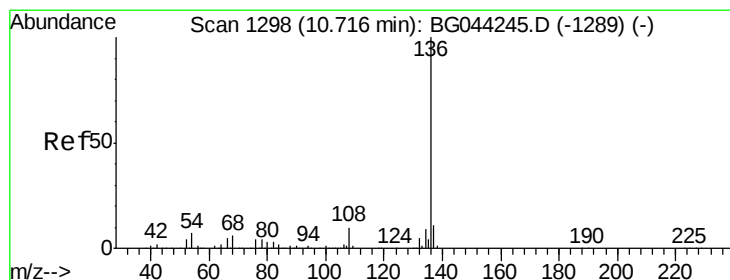
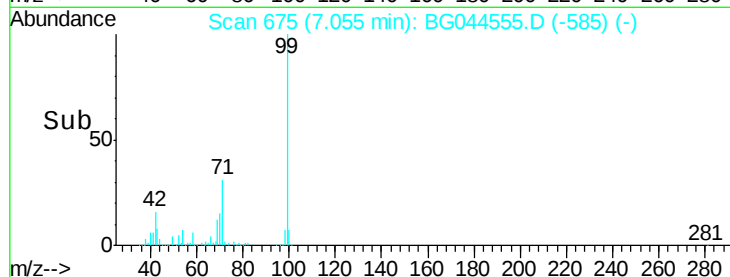
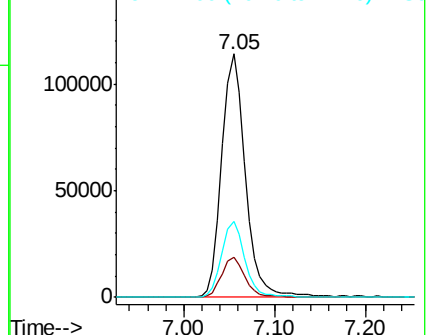
99 100

42 16.3 13.4 20.0

71 31.0 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG044555.D

Acq: 21 Feb 2020 18:55

Tgt Ion: 136 Resp: 221901

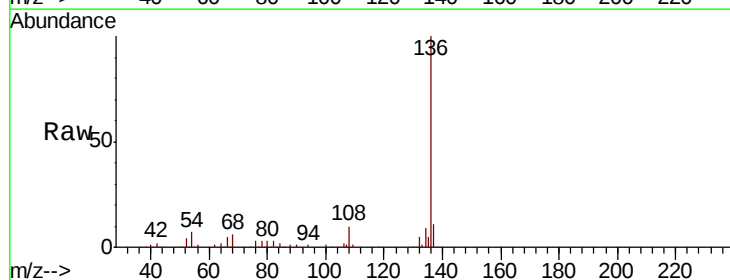
Ion Ratio Lower Upper

136 100

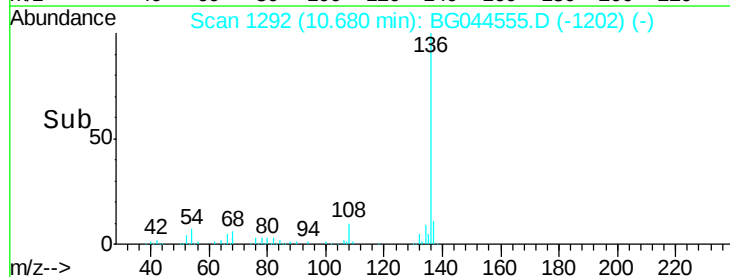
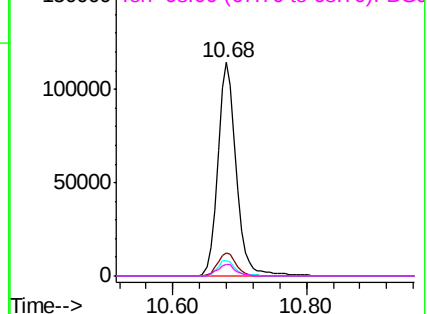
137 11.0 9.0 13.6

54 7.0 5.5 8.3

68 5.6 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

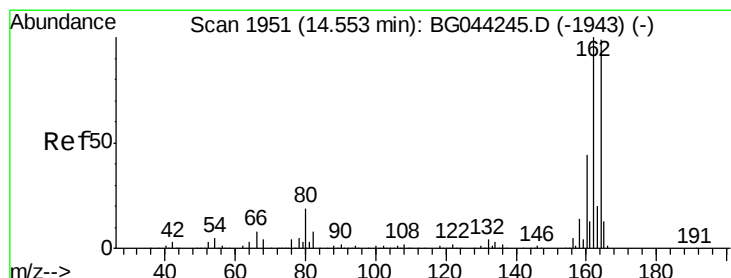
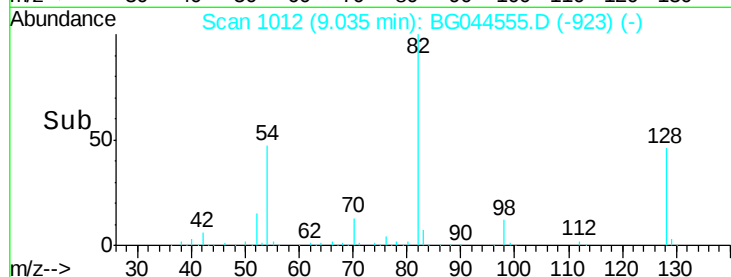
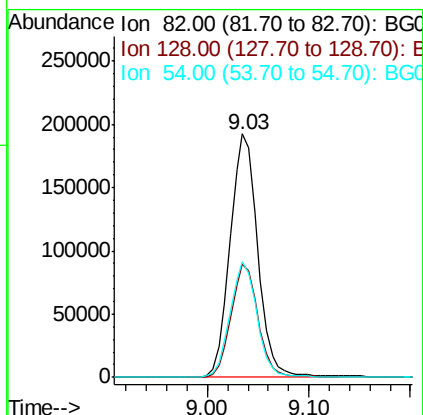
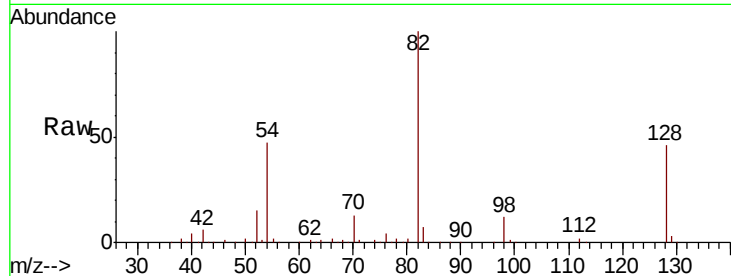




#23
 Nitrobenzene-d5
 Concen: 92.593 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG044555.D
 Acq: 21 Feb 2020 18:55

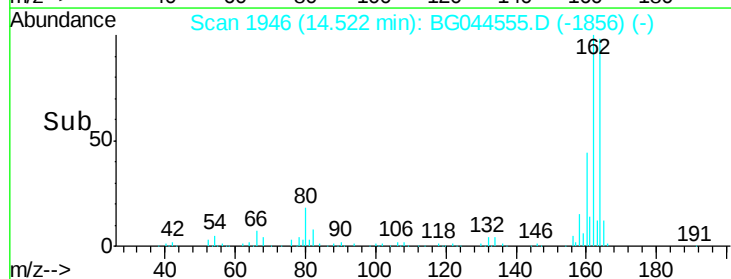
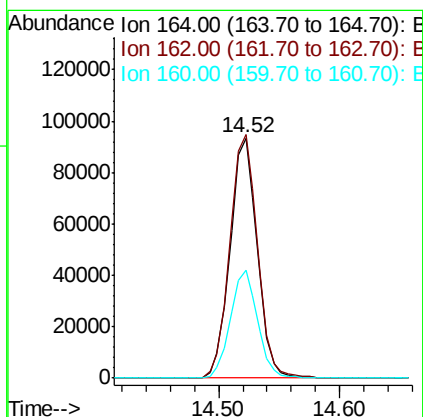
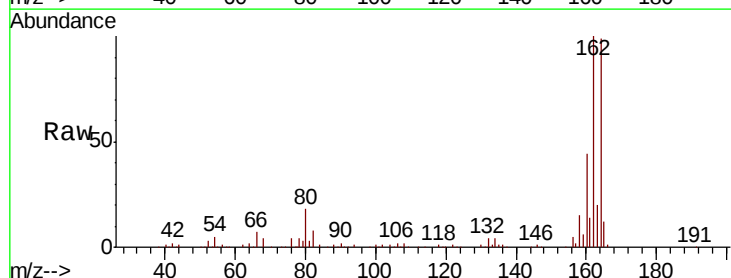
Instrument :
 BNA_G
 ClientSampleId :
 0174-COMP-BT-B-MOD-ELUTRIATE

Tot Ion	82	Resp	363935
Ion Ratio	100	Lower	Upper
128	46.4	39.1	58.7
54	47.3	37.9	56.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG044555.D
 Acq: 21 Feb 2020 18:55

Tgt Ion	164	Resp	146284
Ion Ratio	100	Lower	Upper
162	101.4	81.9	122.9
160	44.8	35.5	53.3

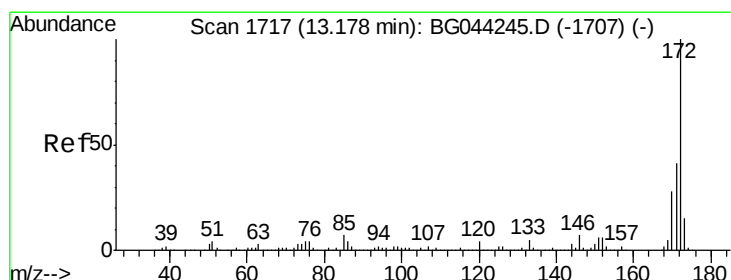
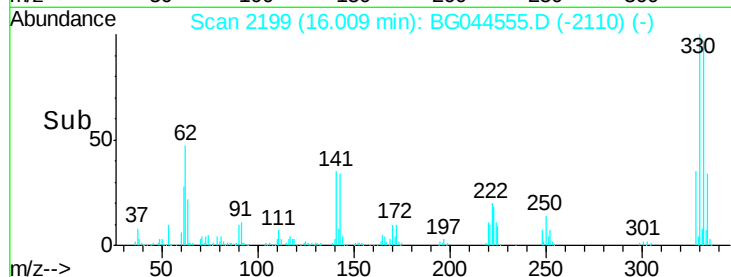
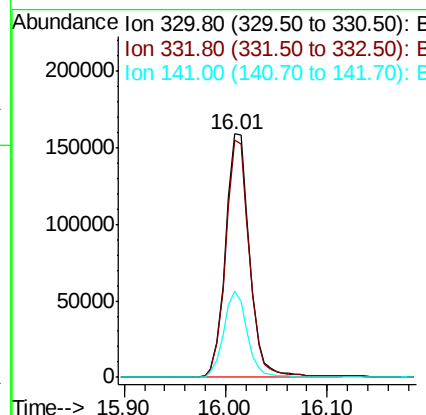
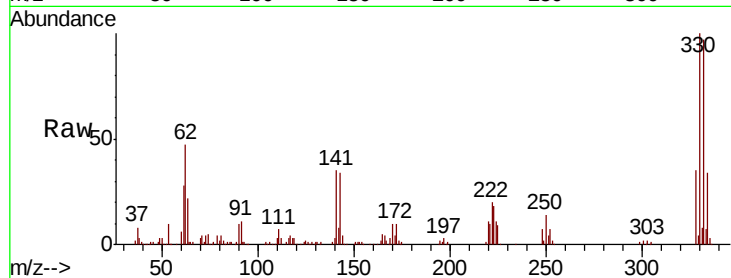




#42
 2,4,6-Tribromophenol
 Concen: 152.682 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG044555.D
 Acq: 21 Feb 2020 18:55

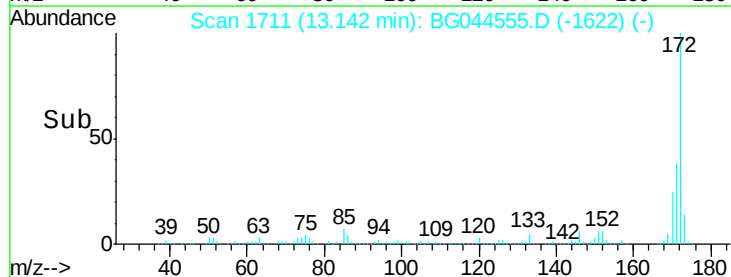
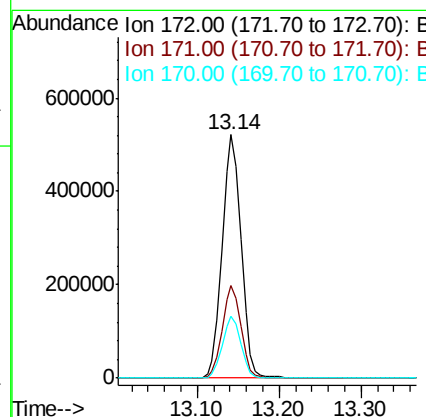
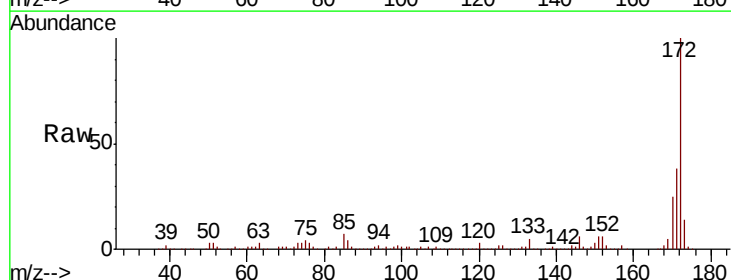
Instrument :
 BNA_G
 ClientSampleId :
 0174-COMP-BT-B-MOD-ELUTRIATE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	34.8	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 97.046 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044555.D
 Acq: 21 Feb 2020 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.3	48.5
170	25.5	21.6	32.4





#50

Dimethylphthalate

Concen: 5.325 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044555.D

Acq: 21 Feb 2020 18:55

Instrument :

BNA_G

ClientSampleId :

0174-COMP-BT-B-MOD-ELUTRIATE

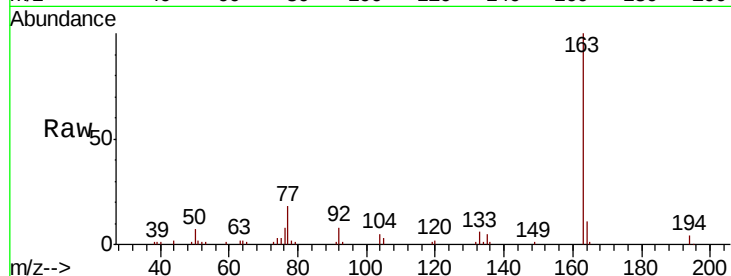
Tot Ion:163 Resp: 55995

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

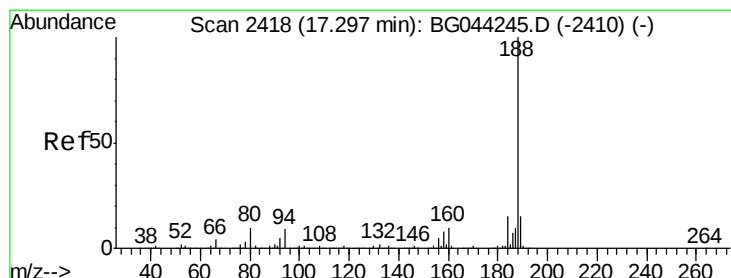
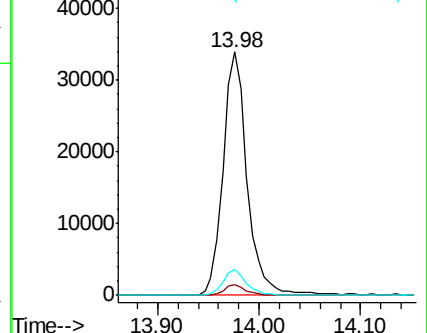
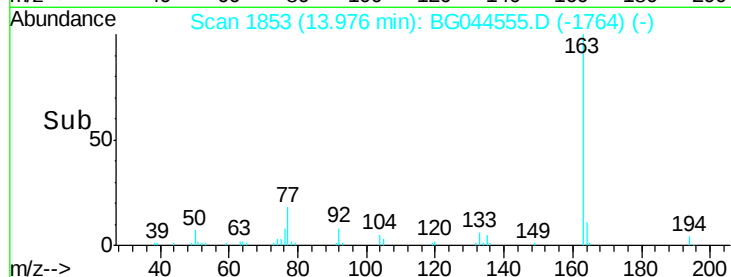
164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG044555.D

Acq: 21 Feb 2020 18:55

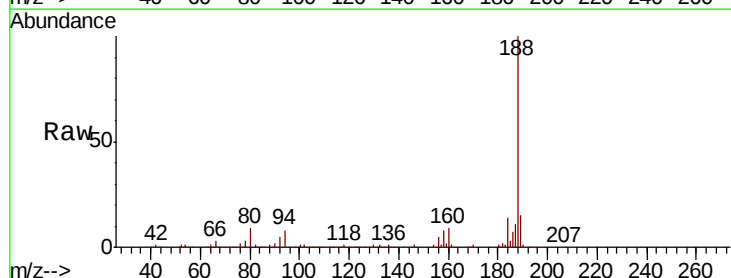
Tgt Ion:188 Resp: 352491

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.0

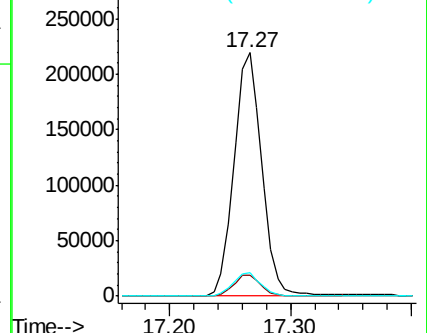
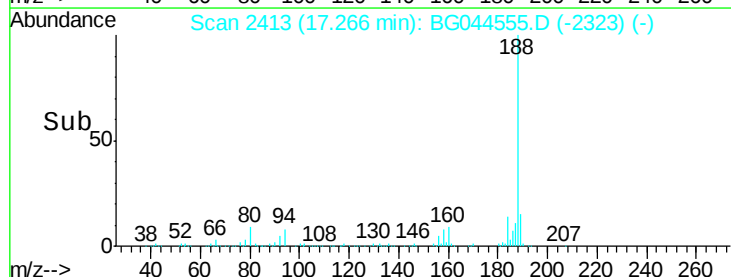
80 9.4 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044555.D

Acq: 21 Feb 2020 18:55

Instrument :

BNA_G

ClientSampleId :

0174-COMP-BT-B-MOD-ELUTRIATE

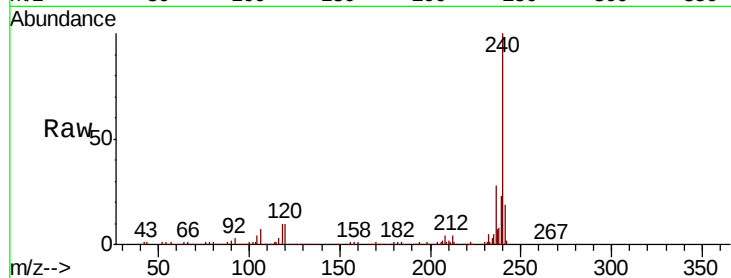
Tot Ion:240 Resp: 370314

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 27.6 22.0 33.0

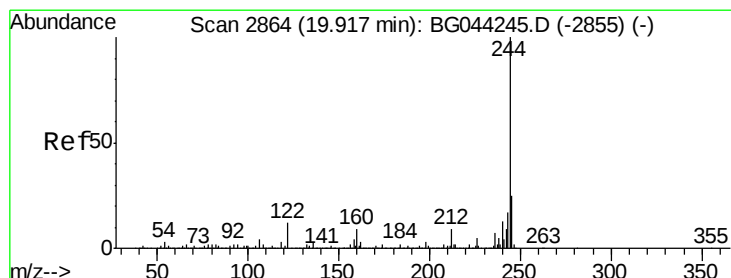
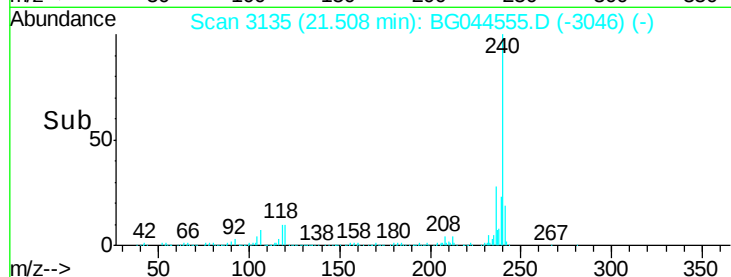
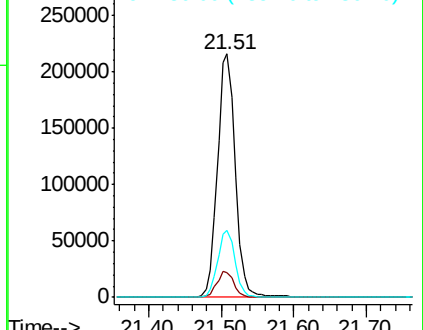


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 83.950 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG044555.D

Acq: 21 Feb 2020 18:55

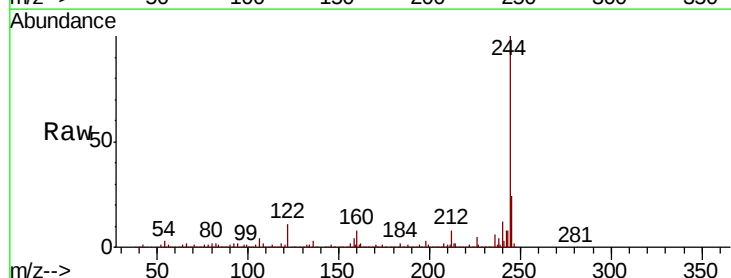
Tgt Ion:244 Resp: 1511421

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 11.3 9.8 14.8

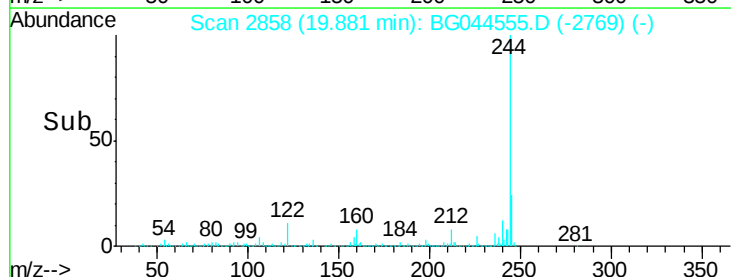
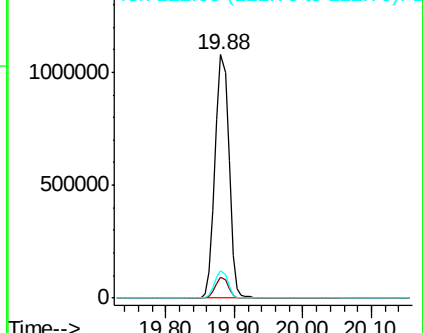


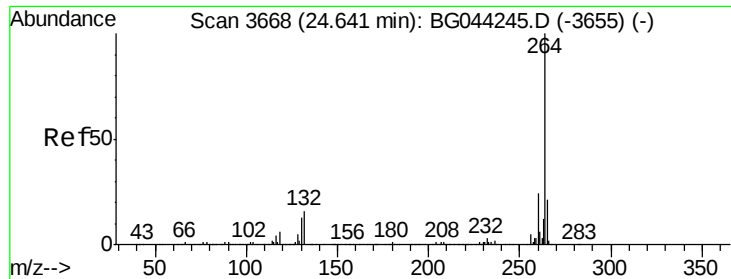
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3657
 Delta R.T. -0.01 min
 Lab File: BG044555.D
 Acq: 21 Feb 2020 18:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.4	17.6	26.4

